I Musshan	TT:4	Count Total	I DD	TT:
L Number	Hits	Search Text	DB USPAT;	Time stamp 2002/07/12 18:39
1	1	0097323.FIN.	US-PGPUB	2002/07/12 18.39
-	27	header and (sub\$carrier subcarrier) and grating	USPAT; US-PGPUB	2002/07/10 18:57
-	34	(sub\$carrier subcarrier) and grating and circulator	USPAT; US-PGPUB	2002/07/11 15:52
-	28	((sub\$carrier subcarrier) and grating and circulator) not (header and (sub\$carrier subcarrier) and grating)	USPAT; US-PGPUB	2002/07/10 19:14
-	401	359/130.ccls.	USPAT; US-PGPUB	2002/07/10 19:14
_	0	(359/130.ccls. and circulat\$3) and header	USPAT; US-PGPUB	2002/07/10 19:14
-	5	(359/130.ccls. and circulat\$3) and (subcarrier sub-carrier)	USPAT; US-PGPUB	2002/07/10 19:15
-	146	359/130.ccls. and circulat\$3	USPAT; US-PGPUB	2002/07/11 14:56
-	24	359/566-576.ccls. and circulat\$3	USPAT; US-PGPUB	2002/07/11 14:58
-	233	385/37.ccls. and circulat\$3	USPAT; US-PGPUB	2002/07/11 15:23
-	3	385/37.ccls. and header	USPAT; US-PGPUB	2002/07/11 15:24
-	26	(header control subcarrier sub-carrier) with circulat\$4 with grating	USPAT; US-PGPUB	2002/07/11 15:29
-	4	(header subcarrier sub-carrier) same (circulator circulating rotator) same (grating bragg)	USPAT; US-PGPUB	2002/07/11 15:35
-	1022	(header subcarrier sub-carrier) same (circulator circulating rotator)	USPAT; US-PGPUB	2002/07/11 15:35
-	519	(header subcarrier sub-carrier) with (circulator circulating rotator)	USPAT; US-PGPUB	2002/07/11 15:35
-	500	(address\$3) and grating and circulat\$3	USPAT; US-PGPUB	2002/07/11 15:53
-	137	((address\$3) and grating and circulat\$3) and 359/\$.ccls.	USPAT; US-PGPUB	2002/07/11 15:53
-	1	(address\$3) with grating with circulat\$3	USPAT; US-PGPUB	2002/07/11 16:01
-	. 58	("3568167" "3896420" "3922061" "4101976" "4129882" "4158890" "4329059" "4387955" "4459682" "4474427" "4533211" "4655547" "4670854" "4703474" "4725110" "4779266" "4866699" "4867522" "4941733" "5073980" "5132824" "5136666" "5166818" "5239548" "5276637" "5315423" "5337382" "5351147" "5367588" "5377288" "5388173" "5467212" "5568301" "5600466" "5608825" "5638473" "5668901" "5712932" "5718738" "5726785" "5737106" "5742416" "5748349" "5748350" "5748814" "5760941" "5761351" "5764829" "5784506" "5793907" "5796502" "5812318" "5812712" "5841776" "5907421" "5987197" "6111530" "6175320").PN.	USPAT	2002/07/11 15:57
-	121	341/137.ccls.	USPAT; US-PGPUB	2002/07/11 16:01
-	22	341/137.ccls. and grating	USPAT; US-PGPUB	2002/07/11 16:03
	110	359/127.ccls. and circulat\$3 and grat\$3	USPAT; US-PGPUB	2002/07/11 16:04
	67	359/127.ccls. and (circulat\$3 with grat\$3) (label adj swap\$5) and (circulat\$ with grating)	USPAT; US-PGPUB	2002/07/11 16:04
	0	(lable adj swap\$5) and (circulat\$ with grating) (lable adj swap\$5) and (circulat\$ with grating)	USPAT; US-PGPUB	2002/07/11 18:17
]_	0	(label adj swap\$5) and (circulat\$ with grating)	USPAT; US-PGPUB	2002/07/11 18:17
		(labor and strapps) and choulding same graining	USPAT; US-PGPUB	2002/07/11 18:17

- 4 (label adj swap\$5) and circulat\$ and grating USPAT US-PGI USPAT "5734486" "5912753").PN. 10 (label adj (switch\$3 swap\$5)) and circulat\$ and (bragg grating) USPAT USPAT USPAT USPAT USPAT USPAT USPAT	PUB 2002/07/11 18:24 2002/07/11 18:38 PUB
- ("4797879" "4831616" "5101290" "5550818" "5589967" USPAT "5734486" "5912753").PN 10 (label adj (switch\$3 swap\$5)) and circulat\$ and (bragg grating) USPAT US-PG	2002/07/11 18:24 2002/07/11 18:38 PUB
- 10 (label adj (switch\$3 swap\$5)) and circulat\$ and (bragg grating) USPAT US-PGI	PUB
(("4797879" "4831616" "5101290" "5550818" "5589967" US-PGI	
"5734486" "5912753").PN.) - 0 359/130.ccls. and (label adj (swap\$4 switch\$4)) USPAT	•
US-PGl - 26 359/\$.ccls. and (label adj (swap\$4 switch\$4)) USPAT US-PGl	c; 2002/07/11 18:37
- 10 (359/\$.ccls. and (label adj (swap\$4 switch\$4))) and grating and USPAT US-PGI	2002/07/11 18:33
- 1 385/\$.ccls. and (label adj (swap\$4 switch\$4)) USPAT US-PGI	c; 2002/07/11 18:37
- 369 (label adj (switch\$3 swap\$5)) USPAT US-PG	2002/07/11 18:56
- 22 ((label adj (switch\$3 swap\$5))) and grating USPAT US-PGI	- I
- 27 359/135-140.ccls. and grating and circulat\$4 USPAT US-PG	PUB
- 28 ((label adj (switch\$3 swap\$5))) and circulat\$4 US-PG	PUB
- 0 "60231056" USPAT US-PG	PUB
- 1 60/231056 USPAT US-PGI	PUB
- 2 "6173093" USPAT US-PG	PUB
- 2 ("5778118" "5822095").PN. USPAT - 0 385/24.ccls, USPAT US-PG	2002/07/12 14:39
- 1373 385/24.ccls. USPAT US-PGI	7; 2002/07/12 14:41
- 286 385/24.ccls. and circulat\$ USPAT US-PGI	; 2002/07/12 14:41
- 180 (385/24.ccls. and circulat\$) and grating USPAT US-PGI	2002/07/12 14:43
- 4 ((385/24.ccls. and circulat\$) and grating) and subcarrier USPAT US-PGI	PUB
- 0 ((385/24.ccls. and circulat\$) and grating) and sub-carrier USPAT US-PGI	PUB
- 126 ((385/24.ccls. and circulat\$) and grating) and grating same circulator USPAT US-PGI	PUB
- 0 ((385/24.ccls. and circulat\$) and grating) and grating same circulator and header US-PGI USPAT	PUB
- 2 ((385/24.ccls. and circulat\$) and grating) and grating same circulator and label US-PGI	PUB
- 1 6144784.URPN. USPAT	
- 5 ("5093890" "5504772" "5630004" "5724127" "5764825").PN. USPAT	
- 1 6125128.URPN. USPAT	
- 8 ("5077816" "5212711" "5274659" "5283686" "5299212" USPAT	2002/07/12 14:56